

ATTACHMENT B
Amendment to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) An isolated antibody that ^{can} bind to the propeptide of the Int1p protein of *Candida albicans* ^{the order is} having the amino acid sequence of amino acids 1-263 of SEQ ID NO:1. ^{said propeptide consisting of}

2. (Canceled).

3. (Currently amended) An The isolated antibody according to claim 1 wherein said antibody is capable of preventing the cleaving of the propeptide. same as cl. 16.

4. (Currently amended) Isolated antisera containing an the antibody according to Claim 1.

5. (Withdrawn) A method of treating or preventing an infection by a microorganism expressing the Int1p protein comprising administering an effective amount of the antibody according to claim 1 to a human or animal patient.

6. (Withdrawn) A method according to claim 5 wherein the microorganism is selected from the group consisting of *Candida albicans* and *Saccharomyces cerevisiae*.

7. (Withdrawn) A method according to claim 5 wherein the antibody is raised to a portion of the propeptide of Int1p effective to generate an immune response.

8. (Withdrawn) A method for treating patients exposed to *Candida albicans* in the presence of heparin, the method comprising:

administering the antibody according to claim 1 to a human or animal patient in an amount effective to bind with the heparin and to reduce or eliminate the activation of the Int1p protein.

9. (Currently amended) A pharmaceutical composition ~~for treating or preventing an infection from a microorganism expressing the Int1p protein~~ comprising an ~~effective amount of an~~the isolated antibody according to claim 1 and a physiologically acceptable carrier, vehicle or diluent.

10. (Canceled).

11. (Currently amended) A diagnostic kit comprising ~~an~~the antibody according to claim 1 and means for detecting binding by that antibody.

12. (Canceled).

13. (Canceled).

14. (Currently amended) An isolated antibody according to claim ~~12~~1 wherein said antibody is capable of preventing the cleaving of the propeptide. *new claim?*

15. (Canceled).

16. (Withdrawn) A method of treating or preventing an infection by a microorganism expressing the Int1p protein comprising administering an effective amount of the antibody according to claim 12 to a human or animal patient.

17. (Canceled).

18. (Withdrawn) An isolated peptide selected from the group consisting of the propeptide region at amino acids 1-263, the Catalytic domain 1 at amino acids 435-639,

the Catalytic domain 2 at amino acids 738-949, and the Processing domain motif at amino acids 1022-1236 of the amino acid sequence depicted in Fig. 1.

19. (Withdrawn) A method of generating an antibody comprising introducing a peptide according to claim 18 in a host capable of generating antibodies thereto.

20. (Withdrawn) An isolated nucleic acid sequence coding for the peptide according to claim 18.

21. (Withdrawn) A method of inducing an immunological response comprising administering to a patient a peptide according to claim 18.

22. (Withdrawn) A vaccine comprising a peptide according to claim 18 in an amount effective to generate an immunological response.

23. (Currently amended) TheAn isolated antibody according to claim 1 wherein said antibody is a monoclonal antibody raised against the peptide of claim 18.

24. (Withdrawn) A method of diagnosing an infection by a microorganism capable of expressing an Int1p protein comprising introducing an antibody according to claim 12 into a sample suspected of having an infection by an Int1p-producing microorganism and determining the binding of said antibody to said sample.

25. (Withdrawn) A method according to claim 24 wherein the microorganism is selected from the group consisting of *Candida albicans* and *Saccharomyces cerevisiae*.

26. (Withdrawn) A method of treating or preventing infections caused by microorganisms expressing the Int1p protein comprising administering an effective amount of an agent that inhibits Int1p activity.

27. (Withdrawn) A method according to claim 26 wherein the agent modulates a peptide region or motif from the Int1p protein which is involved in the pathway of activation for the Int1p protein.

28. (Withdrawn) A method according to claim 26 wherein the agent modulates a peptide selected from the group consisting of the propeptide region at amino acids 1-263, the Catalytic domain 1 at amino acids 435-639, the Catalytic domain 2 at amino acids 738-949, and the Processing domain motif at amino acids 1022-1236 of the amino acid sequence depicted in Fig. 1.

29. (Withdrawn) A method according to claim 26 wherein the microorganism is a yeast of the *Candida* species.

30. (Withdrawn) A method according to claim 26 wherein the microorganism is selected from the group consisting of *Candida albicans* and *Saccharomyces cerevisiae*.
